



**XXVI International Information Technology  
Conference  
IT 2022**

**P R O G R A M**



**16<sup>th</sup> – 19<sup>th</sup> February 2022.  
ONLINE from Montenegro**





# Information Technology - IT 2022


**Wednesday 16.02.2022.**

<b>ZOOM ROOM IT1 <a href="#">Click here</a></b>	
<b>10:00-12:00</b>	<b>SECTION 1</b>
<b>ZOOM ROOM IT2 <a href="#">Click here</a></b>	
<b>10:00-12:00</b>	<b>SECTION 2</b>
<b>ZOOM ROOM Projects results <a href="#">Click here</a></b> <i>Moderator: Prof. Božo Krstajić PhD., University of Montenegro, Podgorica, Montenegro</i>	
<b>14:00-14:15</b>	H2020 project: Traceability at wine industry through integrated labelling of typicality, health protection effect and organoleptic attributes – TRACEWINDU, Tomo Popović, PhD, UDG, Nemanja Mišić, DunavNET
<b>14:15-14:30</b>	H2020 project: AI/ML Computer Vision for the Next Generation Hen Farms - AIMHiGH, FF4EuroHPC experiment, Stevan Čakić, MSc, DigitalSmart
<b>14:30-14:45</b>	H2020 project: Building an Interoperable, Data-Driven, Innovative and Sustainable European Agri-Food Sector – DEMETER, Senka Gajinov, MSc, DunavNET, Stevan Šandi, MSc, UDG
<b>14:45-15:00</b>	IPA Project: Strengthening Industry 4.0 by Semantically Enhanced Cyber Security (SI4SEC) - “Market analyses: potentials for commercialization of SI4SEC results and commercialization plan”, Ivana Ognjanović, PhD, UDG
<b>15:00-15:15</b>	H2020 project: An End to end Interoperability Framework For Maritime Situational Awareness at Strategic and Tactical Operations – EFFECTOR (Grant Agreement No. 883374), “Unlock the full capabilities of maritime surveillance” MSc Nexhat Kapidani, Administration for Maritime Safety and Port Management, Bar, Montenegro
<b>15:15-15:30</b>	<b>BREAK</b>
<b>15:30-15:45</b>	H2020 project: National Competence Centres in the framework of EuroHPC - EUROCC, Luka Filipovic, PhD, EUROCC Montenegro
<b>15:45-16:00</b>	Centre of excellence for digitalisation of food safety risk assessment - FoodHub, Aleksandra Martinović, PhD, FoodHub/UDG
<b>16:00-16:15</b>	BMBF Western Balkans R&D cooperation programme: Digital Technologies for Food Safety Decision Support - FoodDecide, Andrea Milacic, Amil Orahovac, UDG
<b>16:15-16:30</b>	EUREKA project: “Device for FAult and STate detection of Rotary machineries based on acoustic signals - FASTER“, Industry 4.0 device - Božo Krstajić, PhD, ETF UCG, Montenegro
<b>16:30-16:45</b>	IPA project: Interactive cultural map of Montenegro (CultDMap) - Interactive cultural map of the Municipality of Nikšić, Irena Fatić, ČIKOM




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**Thursday 17.02.2022.**

<b>ZOOM ROOM IT1 <a href="#">Click here</a></b>	
<b>10:00-12:00</b>	<b>SECTION 3</b>
<b>ZOOM ROOM EuroCC <a href="#">Click here</a></b>	
	<p style="text-align: center;"><b>EuroCC Training Event (Day 1), 2<sup>nd</sup> High Performance Computing, High Performance Data Analytics, and Artificial Intelligence Workshop</b></p> <p style="text-align: center;"><i>Moderator: Tomo Popović, PhD, University of Donja Gorica, Podgorica, Montenegro</i></p>
<b>14:00-14:15</b>	<p style="text-align: center;"><b>Welcome note from EuroCC Montenegro</b></p> <p style="text-align: center;"><i>Prof. Milica Vukotić PhD, University of Donja Gorica, Podgorica, Montenegro</i></p>
<b>14:15 - 15:15</b>	<p style="text-align: center;"><b>HPC and Success Stories from Fortissimo Experiments</b></p> <p style="text-align: center;"><i>Tomi Ilijaš, MSc, Arctur, Nova Gorica, Slovenia Tomislav Šubić, Yotta Advanced Computing, Rijeka, Croatia</i></p>
<b>15:15 - 15:30</b>	<b>Break</b>
<b>15:30 - 16:30</b>	<p style="text-align: center;"><b>Hyperparameter Tuning of XGBoost for Structured Datasets</b></p> <p style="text-align: center;"><i>Dr Nikos Bakas, Dr Kyriacos Hadjiyiannakou The Cyprus Institute, Nicosia, Cyprus</i></p>
<b>16:30 - 17:00</b>	<p style="text-align: center;"><b>Development of IoT Edge Computer Vision for Smart Farms</b></p> <p style="text-align: center;"><i>Stevan Cakic, MSc, DigitalSmart, Montenegro Daliborka Nedic, MSc, DunavNET, Serbia</i></p>

**Friday 18.02.2022**

<b>ZOOM ROOM IT1 <a href="#">Click here</a></b>	
<b>10:00-12:00</b>	<b>SECTION 4</b>
<b>ZOOM ROOM EuroCC <a href="#">Click here</a></b>	
	<p style="text-align: center;"><b>EuroCC Training Event (Day 2), 2<sup>nd</sup> High Performance Computing, High Performance Data Analytics, and Artificial Intelligence Workshop</b></p> <p style="text-align: center;"><i>Moderator: Stevan Šandi, MSc, University of Donja Gorica, Podgorica, Montenegro</i></p>
<b>14:00-14:30</b>	<p style="text-align: center;"><b>HPC and Montenegrin Industry</b></p> <p style="text-align: center;"><i>Sanja Nikolić, MSc, University of Donja Gorica, Podgorica, Montenegro</i></p>
<b>14:30 - 15:15</b>	<p style="text-align: center;"><b>High Performance Computing</b></p> <p style="text-align: center;"><i>Dr Carlos Teijeiro Barjas, SURF, Amsterdam, Netherlands</i></p>
<b>15:15 - 15:30</b>	<b>Break</b>
<b>15:30 - 16:15</b>	<p style="text-align: center;"><b>Efficient multi-GPU and multi-node execution of Deep and Machine Learning frameworks</b></p> <p style="text-align: center;"><i>Georg Zitzlberger, IT4Innovations, National Supercomputing Center, Czechia</i></p>
<b>16:15 - 17:00</b>	<p style="text-align: center;"><b>HPC/DA/AI student projects and demonstrations</b></p> <p style="text-align: center;"><i>Ivan Jovović, Almira Suljović, Zoja Šćekić, Dejan Babić University of Donja Gorica, Podgorica, Montenegro</i></p>

**WELCOME !**

For any additional information do not hesitate to contact us at email [it@ac.me](mailto:it@ac.me).

